

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

L Number	Hits	Search Text	DB	Time stamp
1	4	"6171633"	USPAT; US-PGPUB	2002/12/24 05:53
2	370	acid\$5 near5 equiv\$10 near5 calcium	USPAT; US-PGPUB	2002/12/24 05:55
3	361	(acid or acidifier) near5 equiv\$10 near5 calcium	USPAT; US-PGPUB	2002/12/24 06:04
4	47	((acid or acidifier) near5 equiv\$10 near5 calcium) and (drink or beverage or juice)	USPAT; US-PGPUB	2002/12/24 06:04
5	47	((acid or acidifier) near5 equiv\$10 near5 calcium) and (drink or beverage or juice)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 06:04
6	62	(acid or acidifier) near5 equiv\$10 near5 calcium	EPO; JPO; DERWENT; IBM_TDB	2002/12/24 06:05
7	62	((acid or acidifier) near5 equiv\$10 near5 calcium) not (((acid or acidifier) near5 equiv\$10 near5 calcium) and (drink or beverage or juice))	EPO; JPO; DERWENT; IBM_TDB	2002/12/24 06:08
8	314	((acid or acidifier) near5 equiv\$10 near5 calcium) not (((acid or acidifier) near5 equiv\$10 near5 calcium) and (drink or beverage or juice)) or (((acid or acidifier) near5 equiv\$10 near5 calcium) and (drink or beverage or juice)) or ((acid or acidifier) near5 equiv\$10 near5 calcium)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 06:08
9	8	((acid or acidifier) near5 equiv\$10 near5 calcium) not (((acid or acidifier) near5 equiv\$10 near5 calcium) and (drink or beverage or juice)) or (((acid or acidifier) near5 equiv\$10 near5 calcium) and (drink or beverage or juice)) or ((acid or acidifier) near5 equiv\$10 near5 calcium)) and (424/601 or 424/682 or 424/757 or 514/23 or 514/54 or 514/167 or 514/168 or 514/681 or 514/553 or 514/557 or 514/777 or 514/778 or 514/783)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 06:10

d his ful

(FILE 'HOME' ENTERED AT 08:18:34 ON 24 DEC 2002)

FILE 'EMBASE, BIOSIS, EUROPATFULL, JAPIO, ADISCTI, ADISINSIGHT, ADISNEWS, BABS, BIOBUSINESS, BIOCOMMERCE, BIOTECHNO, CANCERLIT, CAPLUS, CBNB, CEN, CIN, CONFSCI, DGENE, DIOGENES, DRUGB, DRUGLAUNCH, DRUGMONOG2, DRUGNL, DRUGU, DRUGUPDATES, EMBAL, ESBIOBASE, ...' ENTERED AT 08:19:05 ON 24 DEC 2002

L1 609 SEA ACID? (5A) EQUIV? (5A) CALCIUM
L2 541 DUP REM L1 (68 DUPLICATES REMOVED)
L3 31 SEA L2 AND (DRINK OR DRINKS OR JUICE OR JUICES OR BEVERAGE OR BEVERAGES)
D 1-31
D 31 IALL
L4 1120 SEA ACID? (5A) EQ? (5A) CALCIUM
L5 57 SEA L4 AND (DRINK OR DRINKS OR JUICE OR JUICES OR BEVERAGE OR BEVERAGES)
L6 26 SEA L5 NOT L3
L7 25 DUP REM L6 (1 DUPLICATE REMOVED)
D 1-25
D 24 IALL
L*** DEL 57 S ACID? (15A) (EQ OR EQ. OR EQUIV?) (15A) CALCIUM
L8 1946 SEA ACID? (15A) (EQ OR EQ. OR EQUIV?) (15A) CALCIUM
L9 159 SEA L8 AND (DRINK OR DRINKS OR JUICE OR JUICES OR BEVERAGE OR BEVERAGES)
L10 57 SEA L3 OR L5
L11 120 SEA L9 NOT L10
L12 109 DUP REM L11 (11 DUPLICATES REMOVED)
D 1-109 KWIC
D 25 IALL
D 25
L13 6085 SEA ACID? (55A) (EQ OR EQ. OR EQUIV?) (55A) CALCIUM
L14 358 SEA L13 AND (DRINK OR DRINKS OR JUICE OR JUICES OR BEVERAGE OR BEVERAGES)
D 1-358
D 212 KWIC
D 204 KWIC
D 202 KWIC
D 151 KWIC
D 60 KWIC
D 60

d his ful

(FILE 'EMBASE, BIOSIS, EUROPATFULL, JAPIO, ADISCTI, ADISINSIGHT, ADISNEWS, BABS, BIOBUSINESS, BIOCOMMERCE, BIOTECHNO, CANCERLIT, CAPLUS, CBNB, CEN, CIN, CONFSCI, DGENE, DIOGENES, DRUGB, DRUGLAUNCH, DRUGMONOG2, DRUGNL, DRUGU, DRUGUPDATES, EMBAL, ESBIOBASE, ...' ENTERED AT 08:19:05 ON 24 DEC 2002)

DEL HIS

L1 9291 SEA ACID? (155A) (EQ OR EQ. OR EQUIV?) (155A) CALCIUM
L2 437 SEA L1 AND (DRINK OR DRINKS OR JUICE OR JUICES OR BEVERAGE OR
BEVERAGES)
L3 6085 SEA ACID? (55A) (EQ OR EQ. OR EQUIV?) (55A) CALCIUM
L4 79 SEA L2 NOT L3
L5 75 DUP REM L4 (4 DUPLICATES REMOVED)
D 1-75
D 67 IALL
D 63 KWIC
D 62 KWIC
L6 9713 SEA ACID? (255A) (EQ OR EQ. OR EQUIV?) (255A) CALCIUM
L7 454 SEA L6 AND (DRINK OR DRINKS OR JUICE OR JUICES OR BEVERAGE OR
BEVERAGES)
L8 17 SEA L7 NOT L1
D 1-17
L9 9877 SEA ACID? (1255A) (EQ OR EQ. OR EQUIV?) (1255A) CALCIUM
L10 478 SEA L9 AND (DRINK OR DRINKS OR JUICE OR JUICES OR BEVERAGE OR
BEVERAGES)
L11 24 SEA L10 NOT L6
D 1-24
D 2 IALL
L12 9882 SEA ACID? (9999A) (EQ OR EQ. OR EQUIV?) (9999A) CALCIUM
L13 479 SEA L12 AND (DRINK OR DRINKS OR JUICE OR JUICES OR BEVERAGE OR
BEVERAGES)
L14 1 SEA L13 NOT L10
D
D KWIC

WEST Search History

DATE: Tuesday, December 24, 2002

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
			result set
<i>DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>			
L36	6171633	5	L36
L35	6, 171,633	0	L35
L34	L27 not (l31 or l30 or l29 or l26 or l25 or l24)	278	L34
L33	L23 not (l31 or l30 or l29 or l26 or l25 or l24)	79	L33
L32	L31 not (l31 or l30 or l29 or l26 or l25 or l24)	0	L32
L31	l22 and transpar\$10 not l29	40	L31
L30	6235322	4	L30
L29	L27 and transpar\$10	47	L29
L28	L27 and transpar%10	0	L28
L27	l19 and clear and (drink or beverage or juice)	333	L27
L26	l25 and (drink or beverage or juice)	27	L26
L25	l19 and translucent	142	L25
L24	L23 and translucent	9	L24
L23	l22 and (eq or eq. or equiv\$10) near5 (citric or citrate or malic or malate or calcium)	91	L23
L22	l19 and (drink or beverage or juice)	972	L22
L21	(eq or eq. or equiv\$10) near5 (citric or citrate or malic or malate) near5 calcium	50	L21
L20	(eq or eq. or equiv\$10) near5 (citric or citrate or malic or malate) and calcium	471	L20
L19	(eq or eq. or equiv\$10) and (citric or citrate) and (malic or malate) and calcium	9210	L19
<i>DB=JPAB; PLUR=YES; OP=ADJ</i>			
L18	(eq or eq. or equiv\$10) and (citric or citrate) and (malic or malate) and calcium	6	L18
L17	sodium citrate and sodium malate	30	L17
L16	70 near sodium citrate and 30 near sodium malate	0	L16
L15	1836036	0	L15
<i>DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>			
L14	9312672	5	L14
L13	244903	25	L13
L12	244904	15	L12
L11	297681	24	L11

BEST AVAILABLE COPY

WEST

L18: Entry 1 of 6

File: JPAB

Jul 8, 1997

PUB-N0: JP409175994A

DOCUMENT-IDENTIFIER: JP 09175994 A

TITLE: CALCIUM-CONTAINING LIQUID DRUG, CALCIUM DRINK AND ITS PRODUCTION

PUBN-DATE: July 8, 1997

INVENTOR-INFORMATION:

NAME	COUNTRY
FUKAHORI, KATSUHIRO	
TAKEMURA, KOUJI	

ASSIGNEE-INFORMATION:

NAME	COUNTRY
ZERIA PHARMACEUT CO LTD	

APPL-NO: JP07352347

APPL-DATE: December 28, 1995

INT-CL (IPC): A61 K 9/08; A23 L 1/304; A23 L 2/38; A61 K 33/06; A61 K 47/12

ABSTRACT:

PROBLEM TO BE SOLVED: To provide the subject liquid drug produced by dissolving a calcium source with malic acid and/or citric acid and lactic acid, having high solubility of the calcium source, containing calcium at high concentration, free from stimulating smell and salty taste and having excellent taste and flavor.

SOLUTION: A calcium source (preferably calcium carbonate or shell such as oyster shell powder) is dissolved by using malic acid and/or citric acid and lactic acid. The molar equivalent ratio of the malic acid and/or citric acid to the lactic acid is preferably 1:(1-20). The objective liquid drug can be prepared by adding water to the calcium source, dispersing the source under stirring, adding malic acid and/or citric acid and lactic acid to the dispersion and stirring the mixture under heating at 50-100°C. The liquid drug can be used as a calcium drink for medicine or food by compounding the drug with a herb extract, a physiologically active component, a preservative, a sweetener, etc., according to the use.

COPYRIGHT: (C)1997, JPO

BEST AVAILABLE COPY

L10	9111118	6	L10
L9	2103089	39	L9
L8	297679	18	L8
L7	304987	17	L7
L6	304987]	0	L6
L5	788318	9	L5
L4	781756	9	L4
L3	5468506	22	L3
L2	788318	9	L2
L1	9408472	4	L1

END OF SEARCH HISTORY

BEST AVAILABLE CO.